



MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM/SUPERFUND SECTION

Desk Top Review
Decision Form

Site Name: Barnes Residence

EPA ID No.: MOD980966410

Alias: _____

Address/Location: 6925 Laurel

City/Location: Raytown County: Jackson State: MO Zip Code: 64133

Site Referred By: U.S. Environmental Protection Agency Region VII

Any Previous Private, State, or Federal Investigations or Assessments?

Yes ☒ No ☐ If yes, explain (what type of investigation, date, recommendations and current status):

Preliminary Assessment/Site Inspection

DECISION:

☐ 1. Proceed with a Pre-CERCLIS Site Screening to determine CERCLA and /or state eligibility.

☐ 2. Site CERCLA eligible, proceed with site discovery and further assessment under CERCLA:

2a. Qualifier: ☐ High ☐ Medium ☐ Low

2b. Activity Type: ☐ PA ☐ SI ☐ RA ☐ ESI

☐ Other: _____

☐ 3. Site deferred or being addressed under another state or federal program:

☒ 4. No Further Assessment Required (NFAR)

40181951



SUPERFUND RECORDS

DISCUSSION / RATIONALE: In 1999, an Inspector General's (IG) report criticized EPA policy of deferring sites from the Superfund program to the RCRA program for cleanup. According to the IG report, 67% of these sites were inappropriately deferred to RCRA. EPA Region IIV ran a check of sites in MO listed in CERCLIS as deferred to RCRA but not in RCRIS. One these sites was the Barnes Residence. EPA Region VII requested that the Missouri Department of Natural Resources Superfund Section conduct a Site Reassessment (SR) of this site to determine what action, if any was needed and under what authority. A SR was initiated in October 2000. Previous investigation conducted by the department in the 1980s showed low levels of petroleum contaminants in the water of the sump in the basement of the Barnes Residence. Sampling to determine whether contamination was still present was planned as part of the SR investigation. Repeated attempts to obtain access to the property to conduct sampling were unsuccessful and the site was placed on the pending site list. In 2003 it was decided that the site would be referred back to EPA to complete the SR. In discussing the referral of this site with EPA Region VII it was discovered that this site had been archived from CERCLIS in 1993 and had never been deferred to the RCRA program. The department in consultation with EPA Region VII decided that the SR should be terminated and that no further action was warranted at this site.

Number of Hours to Complete DTR: 2.0

DTR Conducted by: Julieann Warren

Signature: Julieann Warren

Date: 8-29-03

Approved by: Dennis Stinson

Signature: Dennis Stinson

Date: 9-2-03

Ames

SECRET

Protection Agency

APR 13 1999

April 14 - April 9, 1999

HAVARD

GRAM

Despite doubts within party

SENATE ENVIRONMENT COMMITTEE DRAFTS COMPREHENSIVE SUPERFUND BILL

Senate Environment & Public Works Committee Republicans are drafting new comprehensive legislation aimed at reforming the nation's Superfund law, despite the fact that congressional Democrats and the Clinton administration continue to oppose major changes to the law.

The move comes as even some key Republicans say they do not believe a comprehensive approach is politically viable, and may be reluctant to move the bill unless supporters can guarantee 60 votes on the Senate floor.

Sources say the committee is expected to float the bill in the next several weeks. One source says the GOP
continued on page 6

APPROPRIATORS' EFFORTS TO RESTORE STATE CLEAN WATER FUNDS APPEAR BLEAK

Congressional appropriators say they may not be able to restore funding for state water infrastructure programs under tight spending caps set by Congress and outlined in recently passed budgets.

The State Revolving Fund (SRF) — key to funding water infrastructure needs at the local level — has been cut by the administration over the past few years, but appropriations committees in both the House and the Senate have traditionally restored the funding, sources say.

But this year, the administration has proposed cutting the fund by \$550 million, or 40 percent from FY99. These cuts are far more drastic than those made in previous years, state and industry sources say, and do not bode well for the
continued on page 10

EPA INSTRUCTS REGIONS TO REDUCE STATE DATA REPORTING REQUIREMENTS

EPA Acting Deputy Administrator Peter Robertson has instructed regions to open discussions with any states that are interested in specific proposals to reduce state data reporting burdens. The memo comes on the heels of a joint report by states and EPA which says regional officials should work with individual states to find solutions to program-specific reporting burdens.

The April 7 memo is intended to address long-standing concerns among states about duplicative or unnecessarily burdensome reporting requirements, though the effort is expressly not intended to open a new forum for debating the boundaries of state autonomy, according to several agency sources.

continued on page 13

Observers see weaknesses in study

EPA INSPECTOR GENERAL CITES FLAWS IN SUPERFUND DEFERRAL POLICY TO RCRA

EPA's Inspector General (IG) says the agency's use of a policy that has deferred nearly 3,000 sites from the Superfund program for cleanup under Resource, Conservation & Recovery Act (RCRA) authority has failed to accelerate cleanup of those sites. The report says 67 percent of the sites were inappropriately deferred to the RCRA program, and that according to available data "less than two percent" of the deferred sites "have been cleaned up."

According to the IG report, *Superfund Sites Deferred to RCRA*, the office conducted fieldwork in headquarters and in regions II, III, IV, and IX. The IG essentially tracked sites deferred from the Superfund program in those

continued on next page

INSIDE

REG REFORM: "Technical" changes form political test for Levin-Thompson	3
CLEAN WATER: EPA scales back clean water goals to meet budget levels	5
ENFORCEMENT: EPA asks states to launch new enforcement measure projects	7
REINVENTION: State group drafts plans to encourage reinvention projects	12
CLEAN AIR: States consider formal call for lower sulfur in diesel fuel	14

regions and attempted to assess cleanup activity at those sites.

The report says, "In our view, EPA's deferral program has not achieved its goal of effecting more cleanups using RCRA corrective action authorities," noting that "only about 30 percent of the deferred sites are in the RCRA corrective action workload."

The report also shows that some of those deferred sites have the potential to pose a significant risk. The report shows that "about one-third of the deferred sampled sites" that are not in the RCRA cleanup workload have been evaluated to pose risks high enough to potentially become Superfund sites.

The report does not, however, make any substantive statements about the fate of the sites if they had been addressed under Superfund. "We cannot say that deferred sites now included in the corrective action workload would have been any further in the cleanup process in the Superfund program if they had not been deferred."

But congressional sources say the report may have questionable value. While the report may show that "there may be some abuses of the [deferral] policy," the report may not effectively evaluate any specific risks posed by the sites. The findings in the report are "separate and apart from the fact that these sites may [or may not] pose a risk. They don't know."

The report could have limited value for other reasons, congressional sources say. For example, the study appears to use information from EPA's Resource Conservation & Recovery Act Information System (RCRIS) to track clean up action at the sites. But that system is notoriously out of date and inaccurate, sources say.

In fact, sources point out that the IG released March 23 *Resource Conservation and Recovery Act Significant Non-Complier Enforcement Report*. That report found that EPA Region V and the Illinois EPA "need to improve the accuracy of Resource Conservation & Recovery Act Information System Data." The report shows that 40 percent of the information in EPA Region V files does not correspond with the RCRIS database.

EPA headquarters has launched a broad scale effort to update that database across the regions to more accurately track cleanup progress. That data will be used to evaluate progress towards pursuing a series of tough goals set by EPA under the Government Performance Results Act (GPRA) (*Inside EPA*, March 12, p1).

IG officials say they did not rely on that database alone, but also compared the information in the database to EPA files to certify the information.

EPA's Acting Waste Chief, Tim Fields has made speeding cleanups under RCRA one of his top priorities.

EPA sources did not return calls seeking comment on the report. But in comments submitted to the IG, the agency says it "is prepared to reassess many of the site management decisions to ensure that EPA and state response efforts protect human health and the environment."

STATES, CONGRESS BACK EPA SAFE MERCURY LEVELS, ATTACK NEW REPORT

Congressional representatives and state officials are attacking a new government report that recommends a less stringent safe mercury level, and are backing tougher standards advocated by EPA. Among other things, the officials say the report could further complicate scientific study of the issue, and contribute to widespread confusion over fish advisories.

The Agency for Toxic Substances and Disease Registry (ATSDR) is proposing that a minimum risk level for methyl mercury can be safely set as high as .3 micrograms per kilogram per day, a level that is three times higher than EPA's .1 level but .2 micrograms less than its original proposal, sources say.

Sen. Patrick Leahy (D-VT) is among the critics of the new proposed levels. ATSDR's "pick-a-number mentality raises questions about the credibility of their science," Leahy said in a prepared statement.

The abrupt drop in the minimum risk level is an attempt, some sources speculate, to reach a compromise with EPA and provide a more unified federal front. EPA sets a similar .3 level for nonsensitive populations. But the less stringent proposal has opened the door to a flood of criticism of ATSDR's scientific basis for its proposal.

ATSDR's report will be released by April 15 with a .3 minimum risk level, ATSDR sources say, despite vehement opposition by Congress and some states. Congress and some states requested that ATSDR hold their report and consider a congressionally mandated study being conducted by the National Academy of Sciences and due out in 18 months.

But Congress and some states are disappointed ATSDR is ignoring their requests to delay the report, and are also increasing their attacks on ATSDR's science.

Most states will probably not change their fish advisory levels for mercury based on ATSDR's report, several state sources say, but will at least wait for NAS to complete its own report before taking any action (*Inside EPA*, Dec. 25, 1998, p1).

The Northeast and Great Lakes states may be particularly affected by the controversy, due to the large number of mercury sources in those areas and high number of mercury advisories already in effect, state sources say. In the Northeast states, for example, the levels of mercury in most fish is already beyond ATSDR's level, so that will not be affected. But ATSDR's levels will undermine the states regulatory efforts to eventually eliminate sources of mercury into the environment, a state source says.

While regulating mercury is done on a state by state basis, this state source explains, ATSDR's report could stall aggressive action against mercury and erode the credibility of EPA's recommendations.

EPA did not return calls for comment.

General Electric Co. - St. Louis Lamp Plant	MOD006312375	RCRA Deferred	6251 Etzel Ave.
General Motors Assembly Center	MOT300010261	RCRA Deferred	1500 E. Rt. A
M Truck Plant	MOD006290118	RCRA Deferred	3809 Union Blvd.
Heritage Environmental Services	MOD981505555	RCRA Deferred	8525 N.E. 38th St.
International Paper Co. - Joplin	MOD007129935	RCRA Deferred	20th St. & Range Lin
Ice Inc.	MOD029719200	RCRA Deferred	4 mi. W. of
Err-McGee Chemical Corp.	MOD007129406	RCRA Deferred	2800 W. High St.
allinckrodt Inc.	MOD096726484	RCRA Deferred	3600 N. 2nd St.
McKesson Chemical Co. - Berkeley	MOD084396985	RCRA Deferred	8925 Seeger Industri
McKesson Chemical Co. - Kansas City	MOD084396985	RCRA Deferred	2000 Guinotte Ave.
Walston Purina	MOD000302281	RCRA Deferred	825 8th St.
Declamare Enterprises	MOD000669028	RCRA Deferred	6402 Stadium Dr.
K. F. Industries, Inc.	MOT300010345	RCRA Deferred	2320 Marconi Ave.
Safety Kleen Corp. - Blue Springs	MOD000669077	RCRA Deferred	24016 E. 40 Hwy.
Safety Kleen Corp. - Columbia	MOD980971626	RCRA Deferred	610 Big Bear Rd.
Safety Kleen Corp. - Independence	MOD980973564	RCRA Deferred	901 Yuma Dr.
Safety Kleen Corp. - Springfield	MOD000669069	RCRA Deferred	736 N.W. Bypass 66
Safety Kleen Corp. - St. Charles	MOD095486312	RCRA Deferred	4526 Towne Ct. Lot
Chuykill Metals Corp.	MOD030712822	RCRA Deferred	1 mi. S.E. of U.S. Hw
Berry Vickers	MOD007155781	RCRA Deferred	2800 W. 10th St.
Louis Ship Division	MOD006291371	RCRA Deferred	611 E. Marceau St.
undstrand	MOD062439351	RCRA Deferred	Sunset Dr. - P.O. Bo
MR Dangerous Materials	MOD000677773	RCRA Deferred	El Bosa Nova Ln. (U
University of Missouri - Kansas City	MOD073133647	RCRA Deferred	5100 Rockhill Rd.
alspar Corp.	MOD095830576	RCRA Deferred	2104 E. 18th St.
Smith	MOD043941798	RCRA Deferred	2500 E. Kearney St.
olk Ave. Site	MOD980860530	RCRA Deferred - No Corrective Action	7882 Folk Ave.
tercity Metals	MOD985798909	RCRA Deferred - No Corrective Action	8304 Karleen
Safety Kleen Corp. - Brentwood	MOD096714823	RCRA Deferred - No Corrective Action	1227 Hanley Industri
equentia Inc.	MOD985774959	RCRA Deferred - No Corrective Action	137th & Botts Road
Ivanus Products Inc.	MOD092351642	RCRA Deferred - No Corrective Action	40 Merchant St.
actec Inc.	MOD000677781	RCRA Deferred - No Corrective Action	10900 Page Blvd.
erereco	MOD980962849	RCRA Deferred but not in RCRIS	Rt. 1 Hwy. 58
ames Residence	MOD980966410	RCRA Deferred but not in RCRIS	6925 Laurel
orman's Industry	MOD981117443	RCRA Deferred but not in RCRIS	RR 2 Hwy. 254
liott Shooting Park	MOD980968333	RCRA Deferred but not in RCRIS	9500 E. 75th
reen Acres Farm Supply	MOD006311518	RCRA Deferred but not in RCRIS	N. side of Hwy. 22 E.
ematite Radioactive Site	MOD985770767	RCRA Deferred but not in RCRIS	Hwy. 21-A
isse's Truck Stop	MOD084894237	RCRA Deferred but not in RCRIS	Hwy. 43 S.
oplín Oil Ponds	MOD980853451	RCRA Deferred but not in RCRIS	NW 1/4 Sec. 33 T27
oppers Co., Inc. Forest Products Division	MOD007146517	RCRA Deferred but not in RCRIS	6740 Stadium Dr.
amer Site	MOD980502249	RCRA Deferred but not in RCRIS	Rt. B
anchester United Methodist Church	MOD980685044	RCRA Deferred but not in RCRIS	129 Woods Mill Rd.
id-Mo Electric Co.	MOD031121635	RCRA Deferred but not in RCRIS	Hwy. 65 S.
obay Chemical Corp.	MOD056389828	RCRA Deferred but not in RCRIS	8400 Hawthorn Rd.
odern Iron & Metal Inc.	MOD981710403	RCRA Deferred but not in RCRIS	7701 N. Market
otorola	MOD981723851	RCRA Deferred but not in RCRIS	4200 E. 32nd St.
otorola - Webb City	MOD980967582	RCRA Deferred but not in RCRIS	17th & Hall St.
ke's Junkyard	MOD981487167	RCRA Deferred but not in RCRIS	NW 1/4 Sec. 9 T41N
eeves Property	MOD981118680	RCRA Deferred but not in RCRIS	N.W. 1/4 Sec. 3, T32
& S Landfill	MOD980631394	RCRA Deferred but not in RCRIS	Marine & McKelvey
ott Lumber Co., Inc.	MOD088531003	RCRA Deferred but not in RCRIS	Hwy. 160 E.
JS Convenience Store	MOD985817469	RCRA Deferred but not in RCRIS	Hwy. 112 3 mi. S. of
utheast Sanitary Landfill	MOD980631444	RCRA Deferred but not in RCRIS	83rd & Indiana Ave.
. Joseph FMGP	MOD985775436	RCRA Deferred but not in RCRIS	4th St. & Cedar St.
. Joseph SLF (New Pigeon Hill Site)	MOD981505050	RCRA Deferred but not in RCRIS	Hwy. 169 to Hwy. 0
ar-Lite Plating	MOD981712045	RCRA Deferred but not in RCRIS	509 Adele Ave.
ion Electric Co. - Dorsett	MOD981715899	RCRA Deferred but not in RCRIS	2476 Old Dorsett Rd
ATC - Engineer & Ft. Leonard Wood	MO3213720979	RCRA Deferred but not in RCRIS	l-44
arrensburg Public Works	MOD985817477	RCRA Deferred but not in RCRIS	448 N. Water
iance Municipal Landfill	NED980963656	NPL Eligible	Highway 2 South of
apahoe GW Contamination	NED986386944	NPL Eligible	Hwy. 34 & 283 Jct.
wood Enterprises	NED000610444	NPL Eligible	6.4 mi. N. Hwy 275
ilbertson Municipal Water Supply Wells	NED986381838	NPL Eligible	Colorado & Wildmar
ivenport GW Contamination	NED981499320	NPL Eligible	1st & 8th St.



Tetra Tech EM Inc.

7932 Nieman Road ♦ Lenexa, KS 66214 ♦ (913) 894-2600 ♦ FAX (913) 894-6295

January 12, 1999

Mr. Paul E. Doherty
START Project Officer
U.S. Environmental Protection Agency
Superfund Branch
726 Minnesota Avenue
Kansas City, KS 66101

RE: TDD #9812-0004; RCRA Deferral Sites
Barnes Residence, Raytown, Missouri
EPA ID# MOD980966410

Dear Mr. Doherty:

Tetra Tech EM Inc. (Tetra Tech) has conducted a file review of the above referenced site and made the following determinations regarding its current status:

Database Status:	Deferred to RCRA but not in RCRIS
CERCLA History:	Discovery - 05/83 (citizen complaint) Preliminary Assessment (PA) - 12/01/84 Site Inspection (SI) - 09/16/85 (per CERCLIS)
Responsibility:	EPA Field Investigation Team (FIT)
Site Description:	Private residence. The homeowner complained to local health authorities and then to the Missouri Department of Natural Resources (MDNR) and EPA about a foul odor around the sump pump in her basement following a heavy rain. Early samples showed traces of petroleum product chemicals. EPA responded to repeated complaint calls from the homeowner between 1983 and 1988.
CERCLA Determination:	EPA and MDNR determined that a Town and Country (T&C) Market gas station was a likely candidate as the source of the contamination. However, T&C tanks were tested in 1984 and no leaks were detected. T&C ceased operation in 1987 and removed their underground storage tanks (USTs). No signs of leakage could be observed at the time of removal. However, EPA FIT conducted a soil gas survey in 1986. This indicated a contaminant plume emanating from the T&C site. EPA continued to suspect



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RODS

<u>OU</u>	<u>Action Name</u>	<u>Qualifier</u>	<u>Lead</u>	<u>Actual Start</u>	<u>Actual Completion</u>
00	PRELIMINARY ASSESSMENT	L	S	12/01/1984	12/01/1984
00	DISCOVERY		F		12/01/1984
00	SITE INSPECTION	N	S	09/16/1985	09/16/1985
00	ARCHIVE SITE		EP		09/29/1993

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